

ABSTRACT

A device and a method for locating partial discharges in a conductor rod of a dynamo-electric machine are provided, the conductor rod being provided with an exterior electrical insulation. A first and a second sensor are embodied so as to detect a signal which is generated by the partial discharge and spreads along the conductor rod. The first and second sensor are disposed at a distance from each other on the conductor rod in order to emit a partial discharge output signal that represents a specific moment of detection. The partial discharge output signals of the first and second sensor are fed to an evaluation unit which is embodied so as to locate the partial discharge on the conductor rod.